

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
 Data File : BM001461.D
 Acq On : 30 May 2015 01:44
 Operator : TP/IZ
 Sample : G2411-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCRC4

Manual Integrations
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Quant Time: May 30 04:27:34 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 30 02:30:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	141970	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	613725	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	363731	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	775645	20.00	ng/ul	0.00
75) Chrysene-d12	21.03	240	700381	20.00	ng/ul	0.00
83) Perylene-d12	23.12	264	610912	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.81	96	10258	3.61	ng/uL	0.00
5) Phenol-d5	6.59	99	240348	22.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	150280	22.94	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	203587	23.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	173157	19.53	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	98380	24.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	115080	25.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	219460	24.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	165857	15.48	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	634550	24.88	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	862145	24.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	106457	20.47	ng/ul	0.00
57) Fluorene-d10	15.07	176	604217	23.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.21	200	51099	10.70	ng/ul	0.00
70) Anthracene-d10	16.92	188	847461	23.70	ng/ul	0.00
76) Pyrene-d10	19.23	212	875305	28.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	22.99	264	676445	25.04	ng/ul	0.00

Target Compounds

						Qvalue
14) Acetophenone	8.20	105	34753	2.40	ng/ul	97
44) Dimethylphthalate	13.53	163	267529	9.29	ng/ul	99
69) Phenanthrene	16.86	178	133707	3.10	ng/ul	98
74) Fluoranthene	18.89	202	400949	7.66	ng/ul	99
77) Pyrene	19.26	202	361630	8.64	ng/ul	98
80) Benzo(a)anthracene	21.01	228	185775	4.54	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	20.96	149	458200	17.55	ng/ul	100
82) Chrysene	21.06	228	191402	4.97	ng/ul	99
85) Benzo(b)fluoranthene	22.50	252	239447	6.40	ng/ul#	95
86) Benzo(k)fluoranthene	22.54	252	73496m	2.05	ng/ul	
88) Benzo(a)pyrene	23.03	252	152996	4.36	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	25.17	276	106970	2.90	ng/ul	97
91) Benzo(g,h,i)perylene	25.80	276	104715	3.43	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

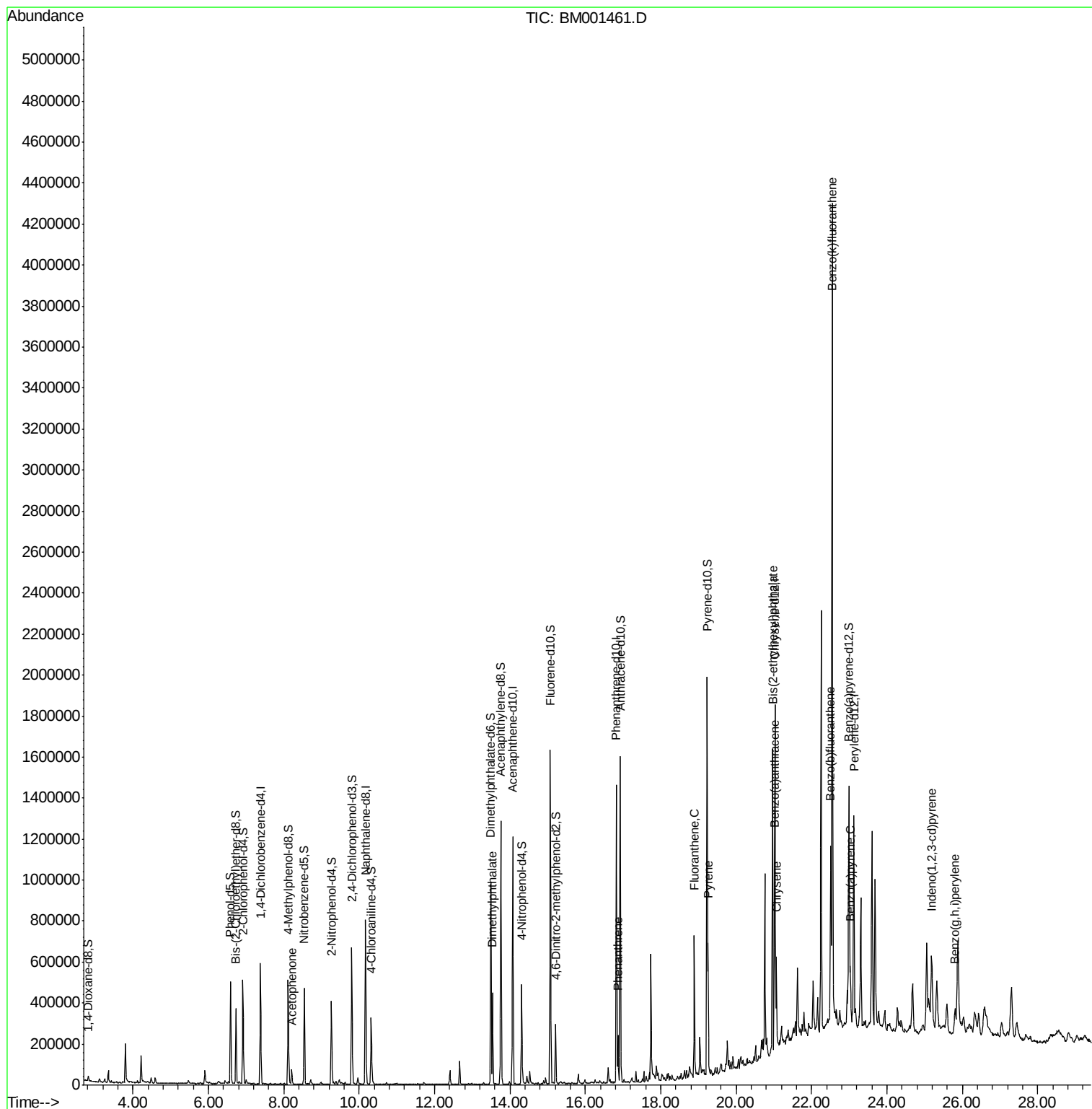
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001461.D
Acq On : 30 May 2015 01:44
Operator : TP/IZ
Sample : G2411-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

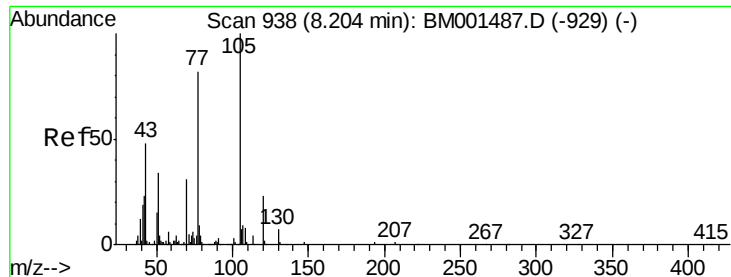
Instrument :
BNA_M
ClientSampleId :
BCRC4

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION
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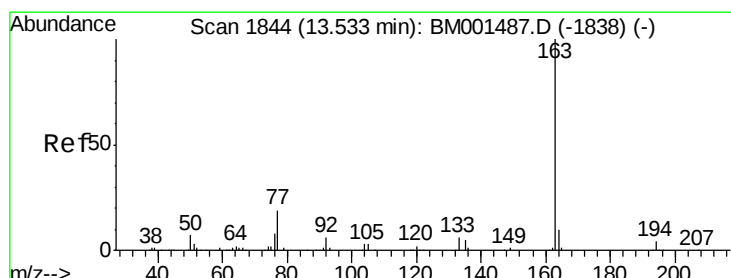
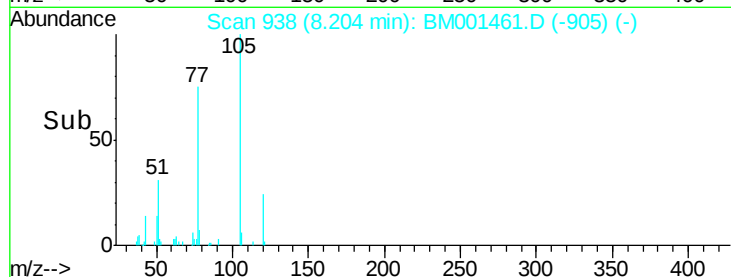
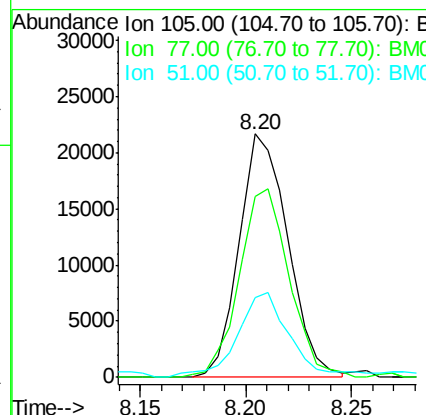
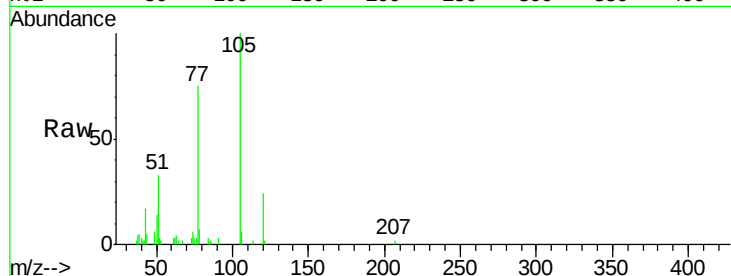
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Acetophenone
Concen: 2.40 ng/ul
RT: 8.20 min Scan# 938
Delta R.T. -0.01 min
Lab File: BM001461.D
Acq: 30 May 2015 01:44

Instrument :
BNA_M
ClientSampleId :
BCRC4

Tgt Ion:	105	Resp:	34753
Ion Ratio	Lower	Upper	
105	100		
77	74.6	61.6	92.4
51	32.5	27.5	41.3

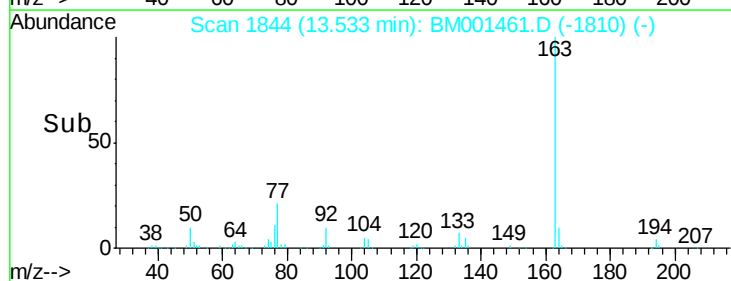
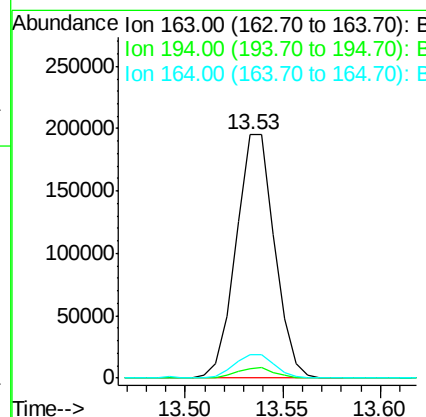
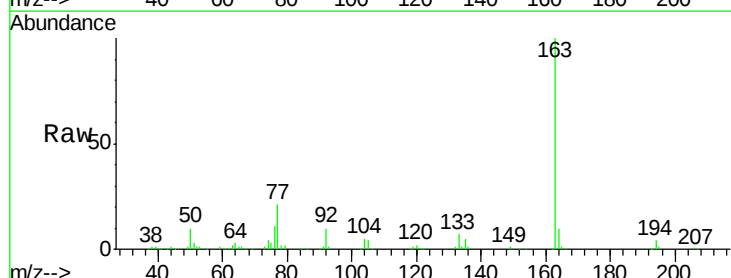
Manual Integrations
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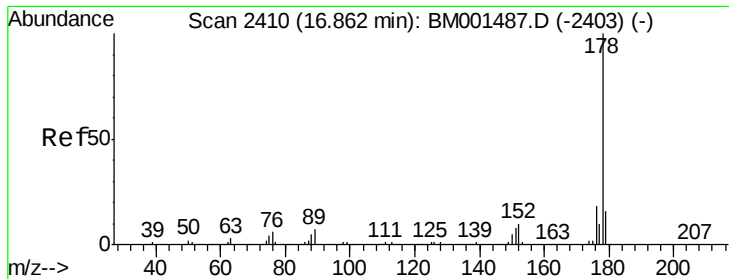
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#44
Dimethylphthalate
Concen: 9.29 ng/ul
RT: 13.53 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BM001461.D
Acq: 30 May 2015 01:44

Tgt Ion:	163	Resp:	267529
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.0	4.6
164	9.6	8.2	12.4





#69

Phenanthrene

Concen: 3.10 ng/ul

RT: 16.86 min Scan# 2410

Delta R.T. 0.00 min

Lab File: BM001461.D

Acq: 30 May 2015 01:44

Instrument :

BNA_M

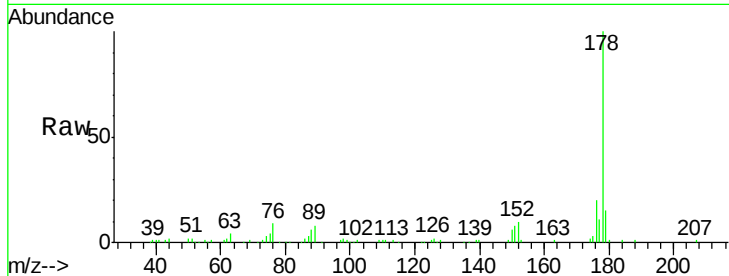
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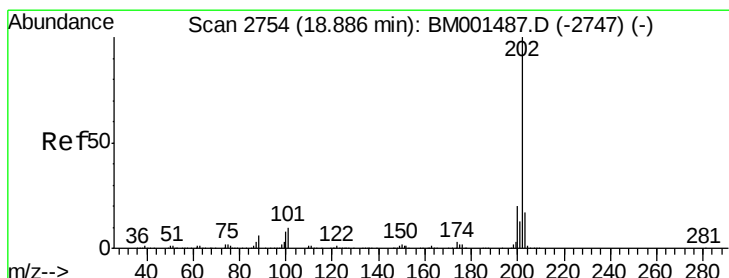
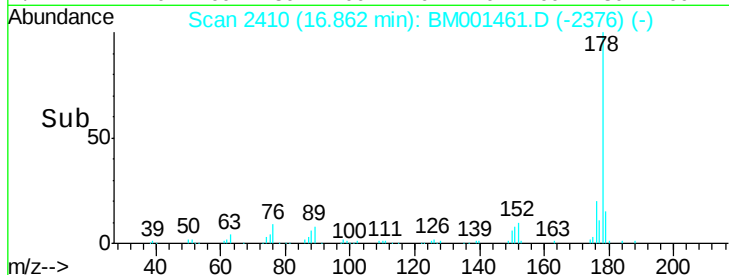
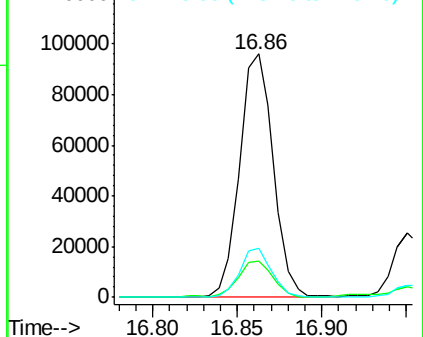
Tgt Ion:	178	Resp:	133707
Ion Ratio	Lower	Upper	
178	100		
179	15.1	11.9	17.9
176	20.3	15.0	22.4

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#74

Fluoranthene

Concen: 7.66 ng/ul

RT: 18.89 min Scan# 2754

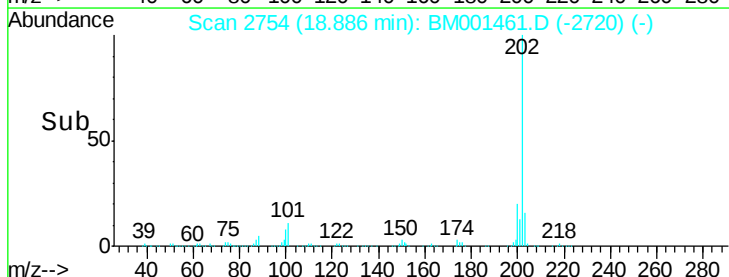
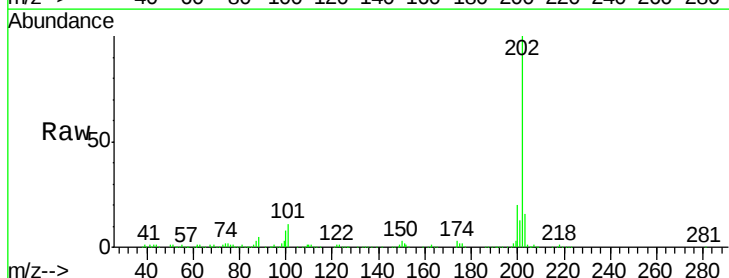
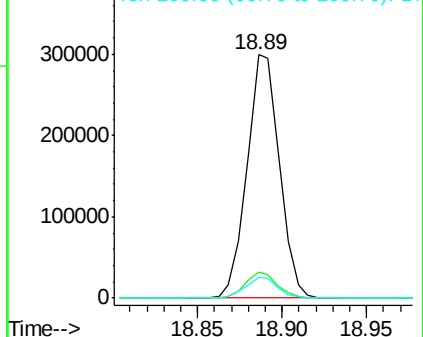
Delta R.T. 0.00 min

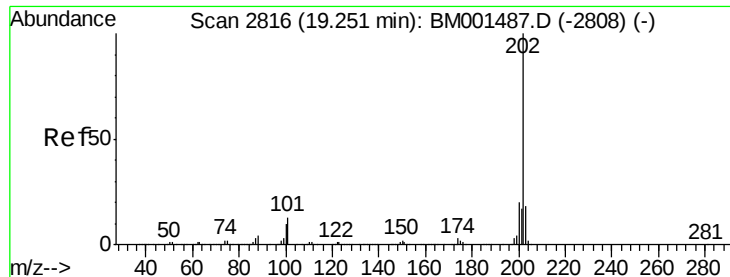
Lab File: BM001461.D

Acq: 30 May 2015 01:44

Tgt Ion:	202	Resp:	400949
Ion Ratio	Lower	Upper	
202	100		
101	10.9	8.6	12.8
100	8.4	6.5	9.7

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 8.64 ng/ul

RT: 19.26 min Scan# 2817

Delta R.T. 0.01 min

Lab File: BM001461.D

Acq: 30 May 2015 01:44

Instrument :

BNA_M

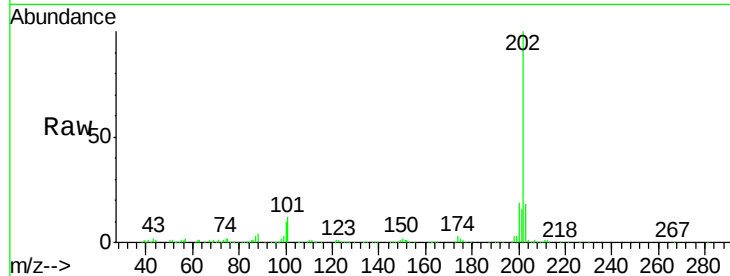
ClientSampleId :

BCRC4

Tgt Ion:	202	Resp:	361630
Ion Ratio	Lower	Upper	
202	100		
101	11.9	10.3	15.5
100	9.9	8.6	12.8

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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.26

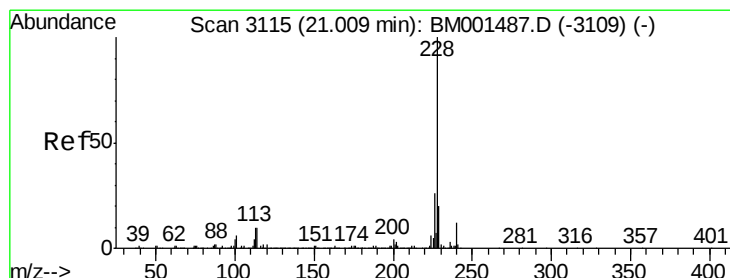
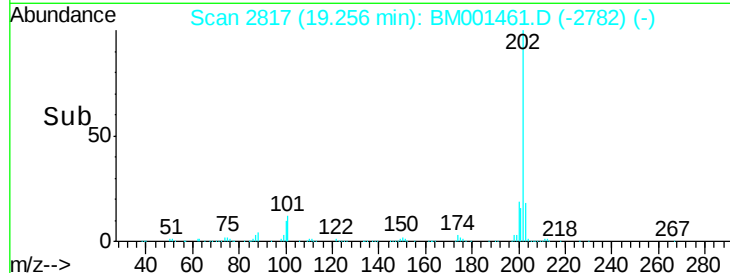
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200000

100000

0

Time-->



#80

Benzo(a)anthracene

Concen: 4.54 ng/ul

RT: 21.01 min Scan# 3115

Delta R.T. 0.00 min

Lab File: BM001461.D

Acq: 30 May 2015 01:44

Tgt Ion:	228	Resp:	185775
Ion Ratio	Lower	Upper	
228	100		
229	20.2	15.8	23.8
226	27.2	20.6	30.8

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

21.01

200000

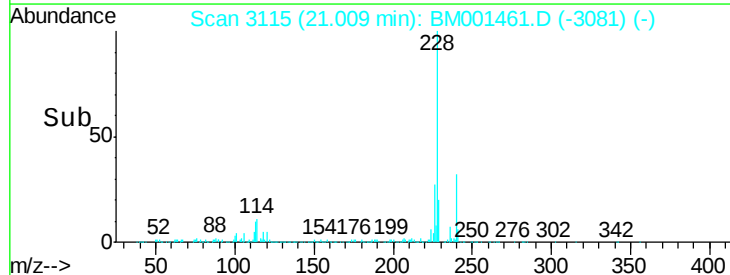
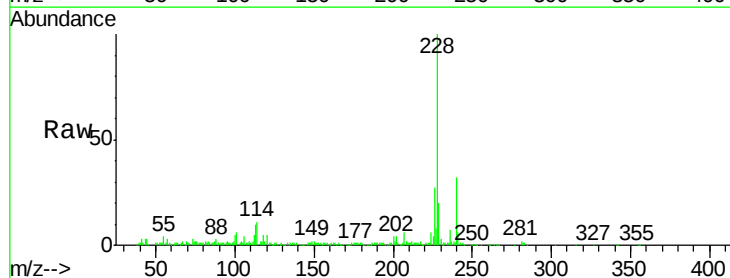
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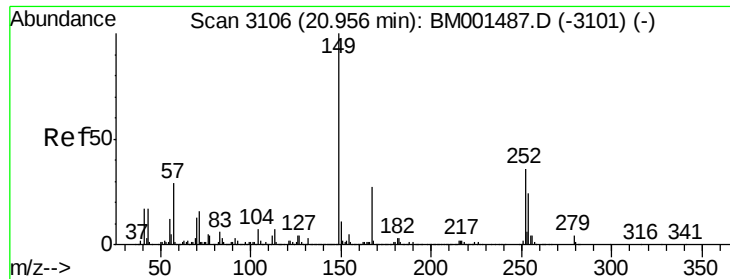
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50000

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Time-->





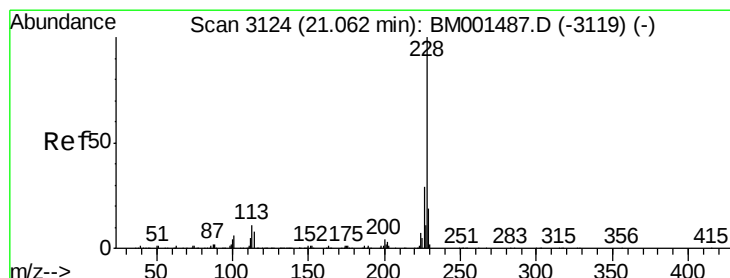
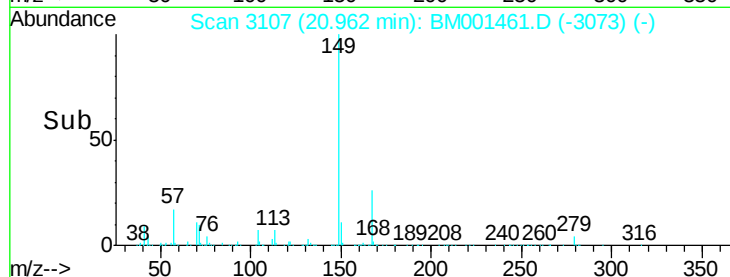
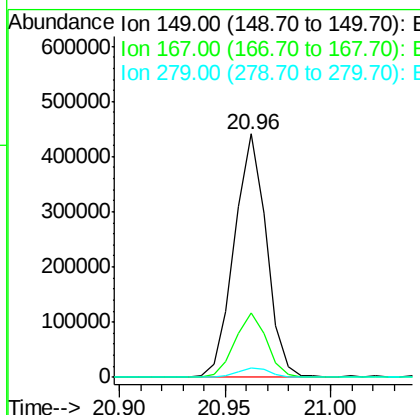
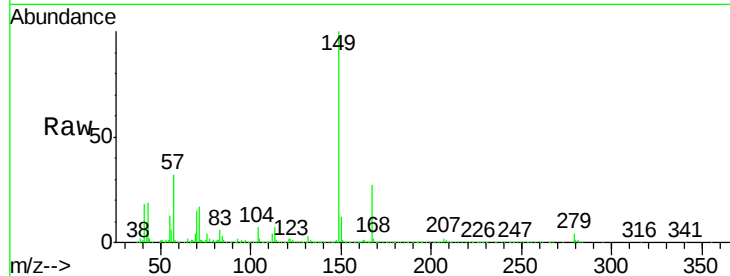
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 17.55 ng/ul
 RT: 20.96 min Scan# 3107
 Delta R.T. 0.00 min
 Lab File: BM001461.D
 Acq: 30 May 2015 01:44

Instrument :
 BNA_M
 ClientSampled :
 BCRC4

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	26.6	21.2	31.8
279	3.8	3.1	4.7

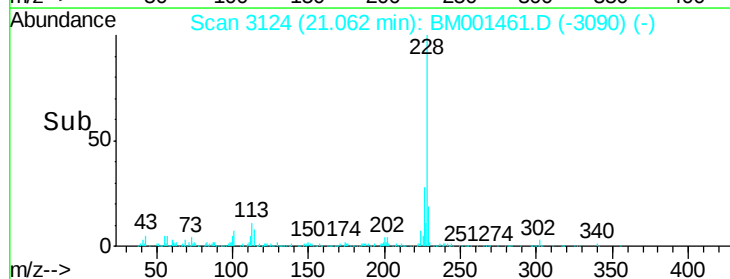
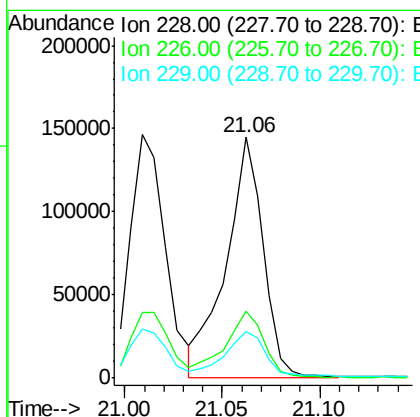
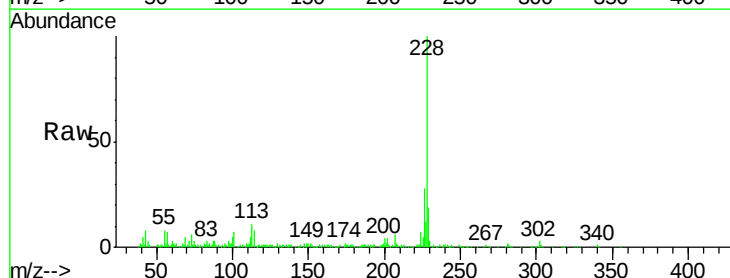
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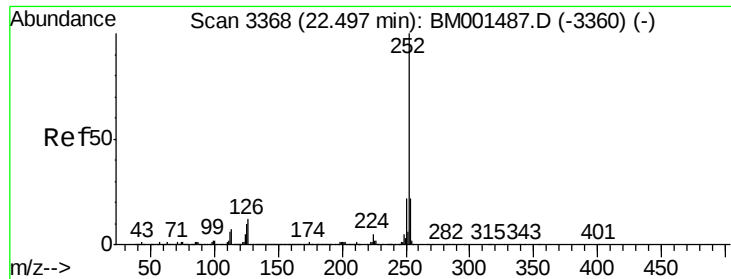
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#82
 Chrysene
 Concen: 4.97 ng/ul
 RT: 21.06 min Scan# 3124
 Delta R.T. 0.00 min
 Lab File: BM001461.D
 Acq: 30 May 2015 01:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.1	23.0	34.4
229	19.5	15.7	23.5





#85

Benzo(b)fluoranthene

Concen: 6.40 ng/ul

RT: 22.50 min Scan# 3369

Delta R.T. 0.01 min

Lab File: BM001461.D

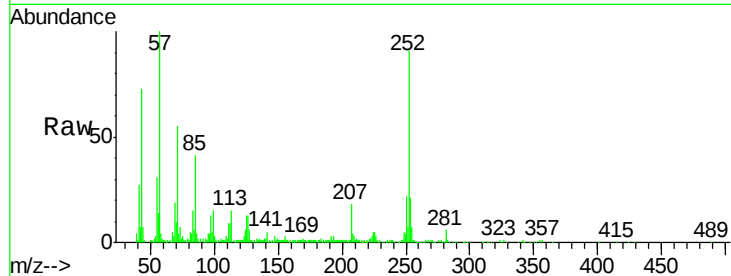
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Instrument :

BNA_M

ClientSampleId :

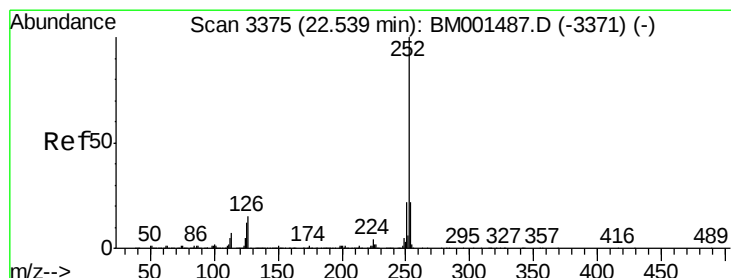
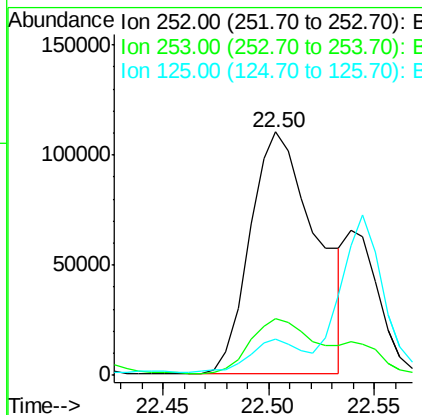
BCRC4



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	239447		
253	23.3	18.0	27.0	
125	14.7	8.6	12.8#	

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#86

Benzo(k)fluoranthene

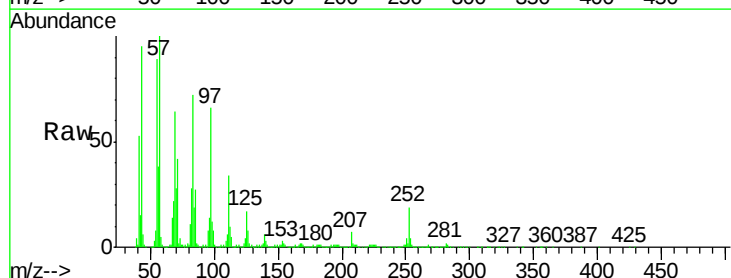
Concen: 2.05 ng/ul m

RT: 22.54 min Scan# 3375

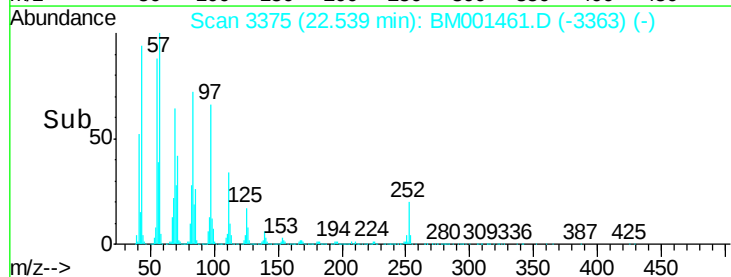
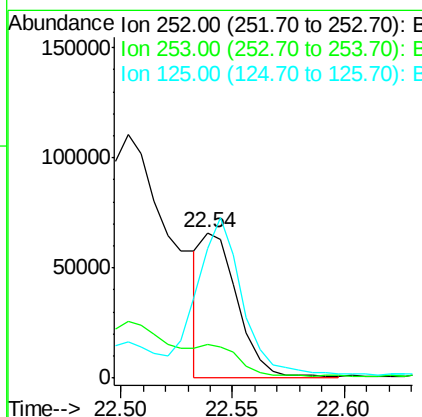
Delta R.T. 0.00 min

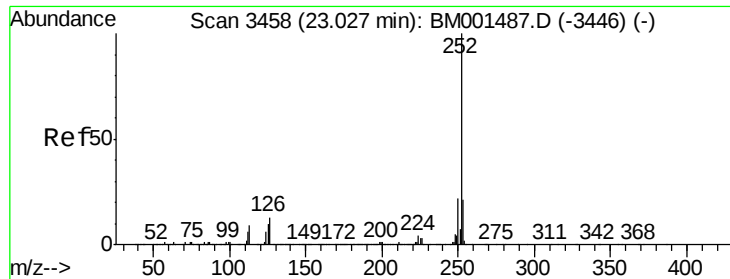
Lab File: BM001461.D

Acq: 30 May 2015 01:44



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	73496		
253	22.9	17.4	26.0	
125	89.5	8.6	13.0#	





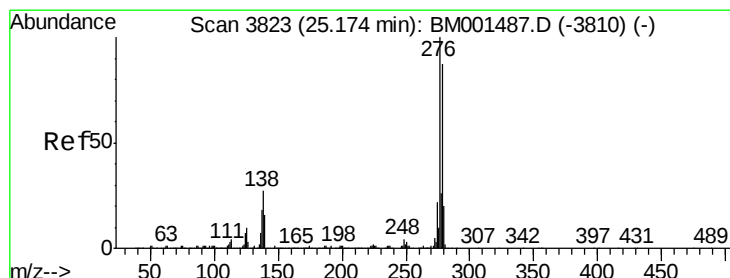
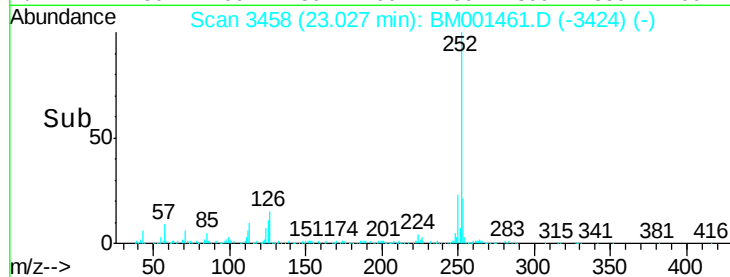
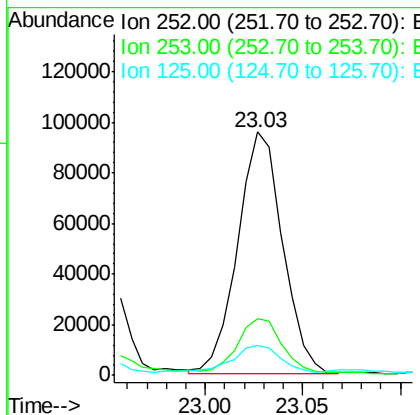
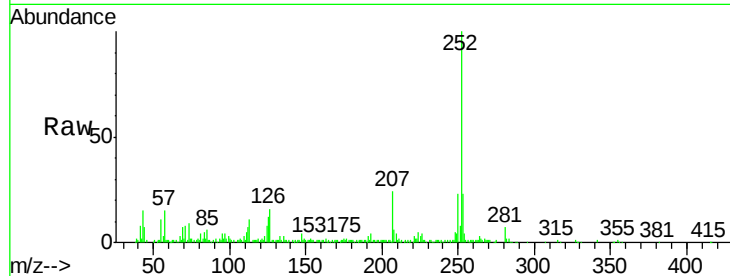
#88
Benzo(a)pyrene
Concen: 4.36 ng/ul
RT: 23.03 min Scan# 3458
Delta R.T. 0.00 min
Lab File: BM001461.D
Acq: 30 May 2015 01:44

Instrument :
BNA_M
ClientSampleId :
BCRC4

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.2	17.0	25.4
125	12.3	8.8	13.2

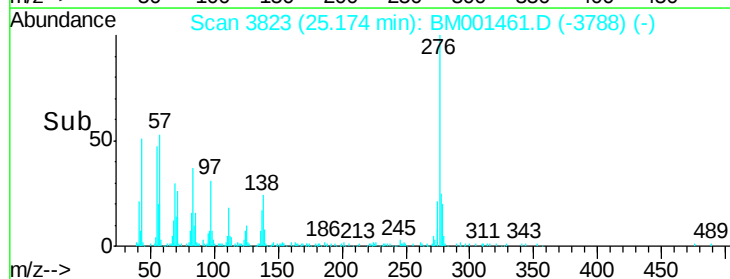
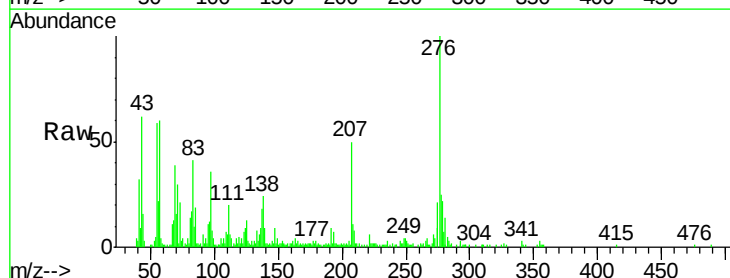
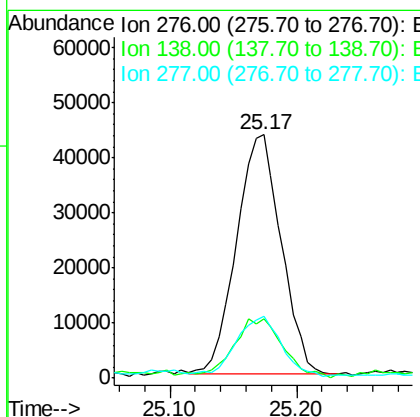
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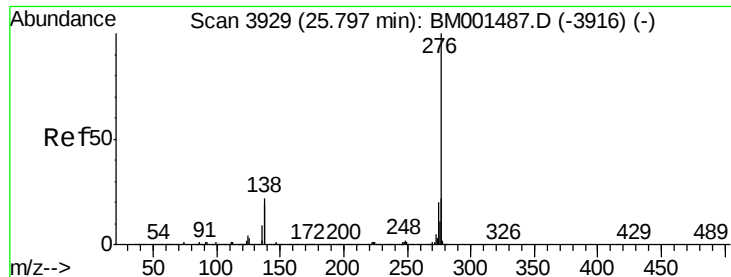
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#89
Indeno(1,2,3-cd)pyrene
Concen: 2.90 ng/ul
RT: 25.17 min Scan# 3823
Delta R.T. 0.01 min
Lab File: BM001461.D
Acq: 30 May 2015 01:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	24.2	20.6	31.0
277	25.2	19.2	28.8





#91
 Benzo(g,h,i)perylene
 Concen: 3.43 ng/ul
 RT: 25.80 min Scan# 3929
 Delta R.T. 0.01 min
 Lab File: BM001461.D
 Acq: 30 May 2015 01:44

Instrument :
 BNA_M
 ClientSampleId :
 BCRC4

Tgt	Ion	276	Resp:	104715
	Ratio	100	Lower	Upper
	276	100		
	138	24.3	17.9	26.9
	277	25.1	19.7	29.5

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